Engine / 8-2
Dimensions / 8-2
Bulb wattage / 8-3
Tires and wheels / 8-5
Load and speed capacity tires / 8-6
Weight/Volume / 8-7
Recommended lubricants and capacities / 8-8
Vehicle identification number (VIN) / 8-11
Vehicle certification label / 8-11
Tire specification and pressure label / 8-12
Engine number / 8-12
Air conditioner compressor label / 8-13
Declaration of conformity / 8-13

Specifications & Consumer information 8

ENGINE

Item	Gasoline 1.25	Gasoline 1.4	Diesel 1.1	Diesel 1.4
Displacement [cc(cu.in)]	1,248 (76.2)	1,396 (85.19)	1,120 (67.25)	1,396 (85.12)
Bore x Stroke [mm(in)]	71 x 78.8 (2.80 x 3.10)	77 x 74.99 (3.03 x 2.95)	75 x 84.5 (2.95 x 3.32)	75 x 79 (2.95 x 3.11)
Firing order	1-3-4-2	1-3-4-2	1-2-3	1-3-4-2
No. of cylinders	4, In-line	4, In-line	3, In-line	4, In-line

DIMENSIONS

Item		mm (in)
Overall length	4 door	4365 (171.8)
	3 door, 5 door	4050 (159.4)
Overall width		1720 (67.7)
Overall height		1455 (57.2)
Front tread	175/70R14	1507 (59.3)
	185/65R15	1520 (59.8)
	195/55R16	1507 (59.3)
	205/45R17	1507 (59.3)
Rear tread	175/70R14	1511 (59.4)
	185/65R15	1525 (60.0)
	195/55R16	1511 (59.4)
	205/45R17	1511 (59.4)
Wheelbase		2570 (101.1)

BULB WATTAGE

■ 4 door

Light Bulb			Wattage	Bulb type
Front	Head lamp	Low	55W	H4
		High	60W	H4
	Position lamp		5W or LED	W5W or LED
	Turn signal lamp		21W	PY21W
	Front fog lamp*		55W	9006
	Daytime running light* (For Europe)		21W	P21W
Rear	Tail lamp	Inside	5W or LED	P21/5W or LED
		Outside	5W or LED	P21/5W or LED
		Inside (For Europe)	5W	W5W
	Stop lamp	Inside	LED	LED
		Outside	21W or LED	P21/5W or LED
	Turn signal lamp		21W	PY21W
	Back up lamp		16W	W16W
	High mounted stop lamp		16W	W16W
	License plate lamps		5W X 2EA	W5W
	Rear fog lamp*		21W	P21W
Interior	Map lamps*		10W X 2EA	W10W
	Room lamp		10W	FESTON
	Luggage lamp		5W	FESTON
	Glove box Lamp		5W	FESTON
	Vanity mirror lamps*		5W	FESTON

* : if equipped

■ **3 door, 5 door**

Light Bulb			Wattage	Bulb type
Front	Head lamp	Low	55W	H7
		High	55W	H1
	Smart cornering light*		55W	H7
	Daytime running light*		21W or LED	P21/5W or LED
	Position lamp		5W	P21/5W
	Turn signal lamp		21W	PY21W
	Front fog lamp*		55W	9006
Rear	Tail lamp	Inside	5W or LED	W5W or LED
		Outside	5W or LED	P21/5W or LED
	Stop lamp	Inside	LED	LED
		Outside	21W or LED	P21/5W or LED
	Turn signal lamp		21W	PY21W
	Back up lamp		16W	W16W
	Rear fog light*		21W	P21W
	High mounted stop lamp		LED	LED
	License plate lamp		5W X 2EA	W5W
Interior	Map lamps*		10W X 2EA	W10W
	Room lamp		10W	FESTON
	Luggage lamp		5W	FESTON
	Glove box Lamp		5W	FESTON
	Vanity mirror lamps*		5W	FESTON

* : if equipped

TIRES AND WHEELS

Item	Tire size	Wheel size		Inflation pressure / bar(psi,kPa)				Wheel lug nut torque / kg.m (lb.ft, N.m)
				Normal load		Maximum load		
				Front	Rear	Front	Rear	
Full size tire	175/70R14	5.5J X 14		2.2 (32,220)	2.2 (32,220)	2.2 (32,220)	2.2 (32,220)	9~11 (65~79, 88~107)
	185/65R15	5.5J X 15	Except below 3 packages	2.2 (32,220)	2.2 (32,220)	2.2 (32,220)	2.2 (32,220)	
			U2 1.1 + ISG(For Europe)	2.4 (35,240)	2.2 (32,220)	2.4 (35,240)	2.2 (32,220)	
			U2 1.1 + ISG + Low fuel consumption (For Europe)	2.6 (38,260)	2.6 (38,260)	2.6 (38,260)	2.6 (38,260)	
			U2 1.4 + ISG, K 1.25 + ISG, r 1.4 + ISG (For Europe)	2.5 (36,250)	2.3 (33,230)	2.5 (36,250)	2.3 (33,230)	
	195/55R16	6.0J X 16		2.2 (32,220)	2.2 (32,220)	2.2 (32,220)	2.2 (32,220)	
	205/45R17	6.5J X 17						
Compact spare tire	T115/70D15	3.5J X 15		4.2 (60, 420)	4.2 (60, 420)	4.2 (60, 420)	4.2 (60, 420)	
	T125/80D15							

✻ NOTICE

We recommend that when replacing tires, use the same originally supplied with the vehicles.
If not, that affects driving performance.

LOAD AND SPEED CAPACITY TIRES

Item	Tire size	Wheel size	Load Capacity		Speed capacity	
			LI *1	Kg	SS *2	Km/h
Full size tire	175/70R14	5.5J×14	84	500	T	190
	185/65R15	5.5J×15	88	560	T	190
			88	560	H	210
	195/55R16	6.0J×16	87	545	H	210
	205/45R17	6.5J×17	88	560	W	270
Compact spare tire	T115/70D15	3.5J×15	90	600	M	130
	T125/80D15		95	690	M	130

*1 : Load Index

*2 : Speed Symbol

⚠ CAUTION

When replacing tires, use the same size originally supplied with the vehicle.
Using tires of a different size can damage the related parts or make it work irregularly.

WEIGHT/VOLUME

Item		Gasoline 1.25		Gasoline 1.4		Diesel 1.1		Diesel 1.4	
		M/T	A/T	M/T	A/T	M/T	A/T	M/T	A/T
Gross vehicle weight kg (lbs.)	For Europe	1560 (3439)	-	1600 (3527)	1630 (3593)	1640 (3615)	-	1690 (3275)	-
	Except Europe	1540 (3395)	-	1570 (3461)	1600 (3527)	-	-	-	-
Luggage volume *l* (cu ft)	MIN	288 (10)							
	MAX	923 (32)							

RECOMMENDED LUBRICANTS AND CAPACITIES

To help achieve proper engine and powertrain performance and durability, use only lubricants of the proper quality. The correct lubricants also help promote engine efficiency that results in improved fuel economy.
These lubricants and fluids are recommended for use in your vehicle.

<table>
<tr><th colspan="5">Lubricant</th><th>Volume</th><th>Classification</th></tr>
<tr><td rowspan="7">Engine oil *1 *2
(drain and refill)
Recommends
</td><td rowspan="2">Gasoline Engine</td><td colspan="2">1.25L</td><td>3.5 l (3.7 qt.)</td><td rowspan="2">API Service SM*3, ILSAC GF4 or above, ACEA A5 or above</td></tr>
<tr><td colspan="2">1.4L</td><td>3.6 l (3.8 US qt.)</td></tr>
<tr><td rowspan="4">Diesel Engine</td><td rowspan="2">1.1L</td><td>with DPF*4</td><td>4.8 l (5.1 US qt.)</td><td>ACEA C2 or C3</td></tr>
<tr><td>Without DPF*4</td><td>4.8 l (5.1 US qt.)</td><td>ACEA B4</td></tr>
<tr><td rowspan="2">1.4L</td><td>with DPF*4</td><td>5.3 l (5.6 US qt.)</td><td>ACEA C2 or C3</td></tr>
<tr><td>Without DPF*4</td><td>5.3 l (5.6 US qt.)</td><td>ACEA B4</td></tr>
<tr><td rowspan="4">Manual transaxle fluid</td><td colspan="2" rowspan="2">Gasoline Engine</td><td>1.25L</td><td>1.5 ~ 1.6 l
(1.4 ~ 1.5 US qt.)</td><td rowspan="4">API Service GL-4 SAE 70W</td></tr>
<tr><td>1.4L</td><td>1.6 ~ 1.7 l
(1.5 ~ 1.6 US qt.)</td></tr>
<tr><td colspan="2" rowspan="2">Diesel Engine</td><td>1.1L</td><td>1.6 ~ 1.7 l
(1.5 ~ 1.6 US qt.)</td></tr>
<tr><td>1.4L</td><td>1.7 ~ 1.8 l
(1.6 ~ 1.7 US qt.)</td></tr>
<tr><td>Automatic transaxle fluid</td><td colspan="2">Gasoline Engine</td><td>1.4L</td><td>6.8 l (7.2 US qt.)</td><td>DIAMOND ATF SP-III, SK ATF SP-III</td></tr>
</table>

Lubricant				Volume	Classification
Coolant	Gasoline Engine	1.25L		4.7 *l* (4.9 US qt)	Mixture of antifreeze and water (Ethylene glycol base coolant for aluminum radiator)
		1.4L	MT	5.3 *l* (5.6 US qt)	
			AT	5.5 *l* (5.8 US qt)	
	Diesel Engine	1.1L		6.4 *l* (6.7 US qt)	
		1.4L		6.6 *l* (7.0 US qt)	
Brake / clutch fluid				0.7 ~ 0.8 *l* (0.7 ~ 0.8 US qt.)	FMVSS116 DOT-3 or DOT-4
Fuel				43 *l* (11.3 US gal.)	-

*1 : Refer to the recommended SAE viscosity numbers on the next page.

*2 : Engine oils labeled Energy Conserving Oil are now available. Along with other additional benefits, they contribute to fuel economy by reducing the amount of fuel necessary to overcome engine friction. Often, these improvements are difficult to measure in everyday driving, but in a year's time, they can offer significant cost and energy savings.

*3 : If the API service SM engine oil is not available in your country, you are able to use API service SL.

*4 : Diesel Particulate Filter

*5 : For better fuel economy, it is recommended to use the engine oil of a classification ACEA A5 or above.

Recommends Engine oil

Supplier	Product	
	Gasoline Engine	Diesel Engine
Shell	HELIX ULTRA AH-E 5W-30	HELIX ULTRA AP 5W-30
	HELIX ULTRA 5W-40	

Recommended SAE viscosity number

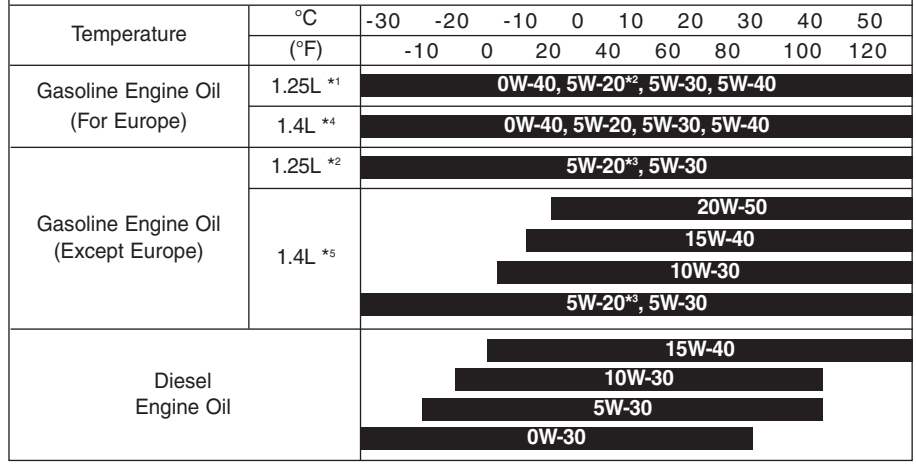
⚠ CAUTION

Always be sure to clean the area around any filler plug, drain plug, or dipstick before checking or draining any lubricant. This is especially important in dusty or sandy areas and when the vehicle is used on unpaved roads. Cleaning the plug and dipstick areas will prevent dirt and grit from entering the engine and other mechanisms that could be damaged.

Engine oil viscosity (thickness) has an effect on fuel economy and cold weather operating (engine start and engine oil flowability). Lower viscosity engine oils can provide better fuel economy and cold weather performance, however, higher viscosity engine oils are required for satisfactory lubrication in hot weather. Using oils of any viscosity other than those recommended could result in engine damage.

When choosing an oil, consider the range of temperature your vehicle will be operated in before the next oil change. Proceed to select the recommended oil viscosity from the chart.

Temperature Range for SAE Viscosity Numbers



*1 : For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-20 (API SM or above).

*2 : For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-20 (API SM / ILSAC GF-4 or above). However, if the engine oil is not available in your country, select the proper engine oil using the engine oil viscosity chart.

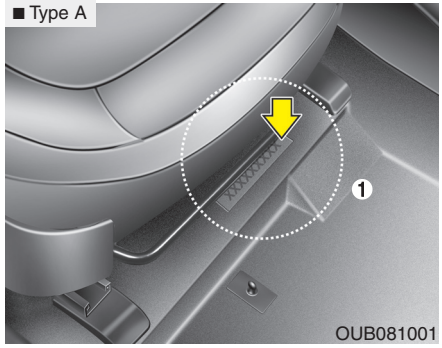
*3 : In Middle East, do not use the engine oil of viscosity grade SAE 5W-20.

*4 : For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-30 (ACEA A5 or above).

*5 : For better fuel economy, it is recommended to use the engine oil of a viscosity grade SAE 5W-20 (API SM / ILSAC GF-4 or above, ACEA A5 or above). However, if the engine oil is not available in your country, select the proper engine oil using the engine oil viscosity chart.

VEHICLE IDENTIFICATION NUMBER (VIN)

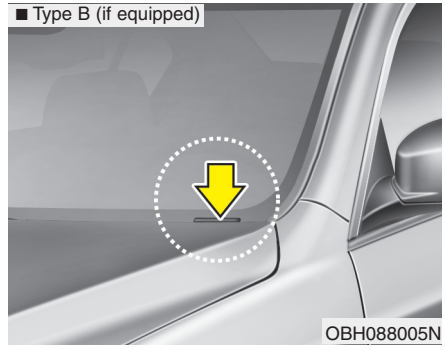
■ Type A



The vehicle identification number (VIN) is the number used in registering your car and in all legal matters pertaining to its ownership, etc.

The number is punched on the floor under the passenger seat. To check the number, remove the cover (1).

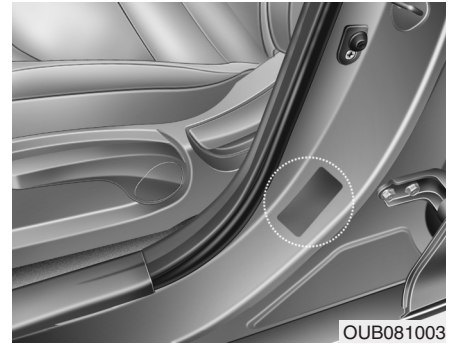
■ Type B (if equipped)



VIN label

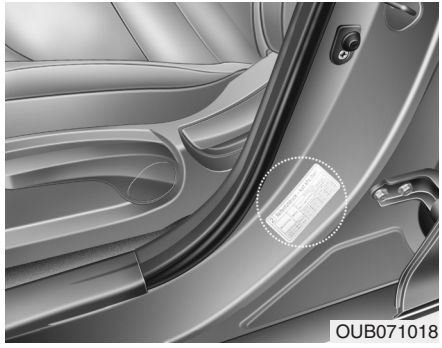
The VIN is also on a plate attached to the top of the dashboard. The number on the plate can easily be seen through the windshield from outside.

VEHICLE CERTIFICATION LABEL (IF EQUIPPED)



The vehicle certification label attached on the driver's (or front passenger's) side center pillar gives the vehicle identification number (VIN).

TIRE SPECIFICATION AND PRESSURE LABEL

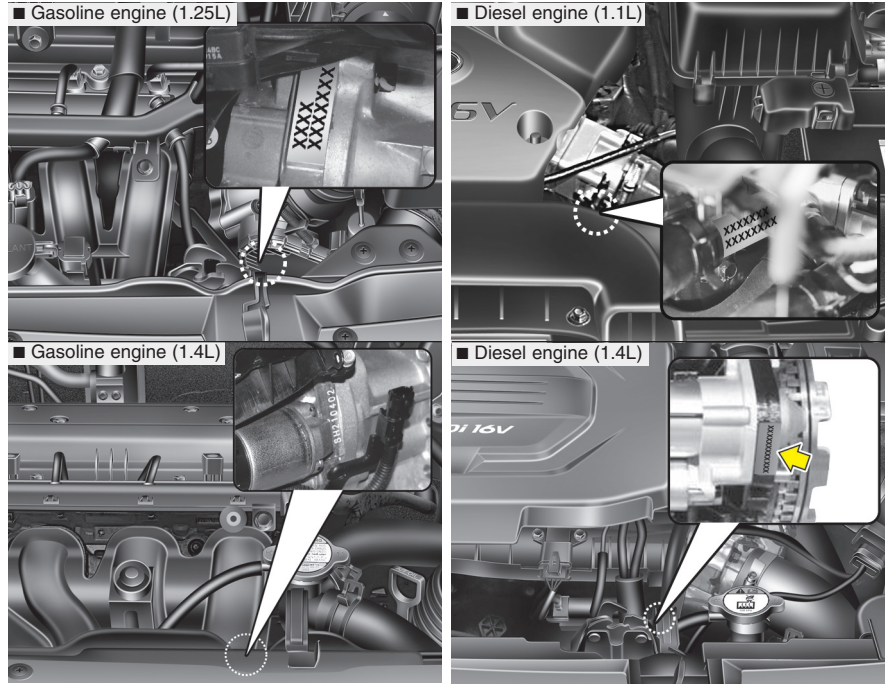


OUB071018

The tires supplied on your new vehicle are chosen to provide the best performance for normal driving.

The tire label located on the driver's side center pillar gives the tire pressures recommended for your car.

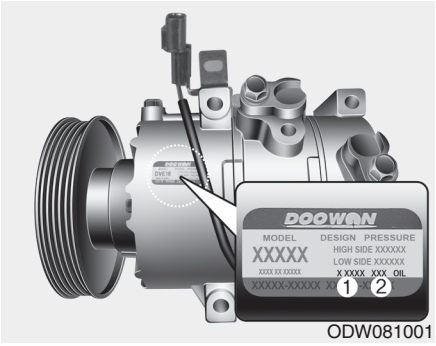
ENGINE NUMBER



OTA080004L/OYN089006/OFD087006/OUB085006L

The engine number is stamped on the engine block as shown in the drawing.

AIR CONDITIONER COMPRESSOR LABEL



ODW081001

A compressor label informs you the type of compressor your vehicle is equipped with such as model, supplier part number, production number, refrigerant (1) and refrigerant oil (2).

DECLARATION OF CONFORMITY

■ Example

CE 0678

CE0678

The radio frequency components of the vehicle comply with requirements and other relevant provisions of Directive 1995/5/EC.

Further information including the manufacturer's declaration of conformity is available on Kia web site as follows;

http://www.kia-hotline.com